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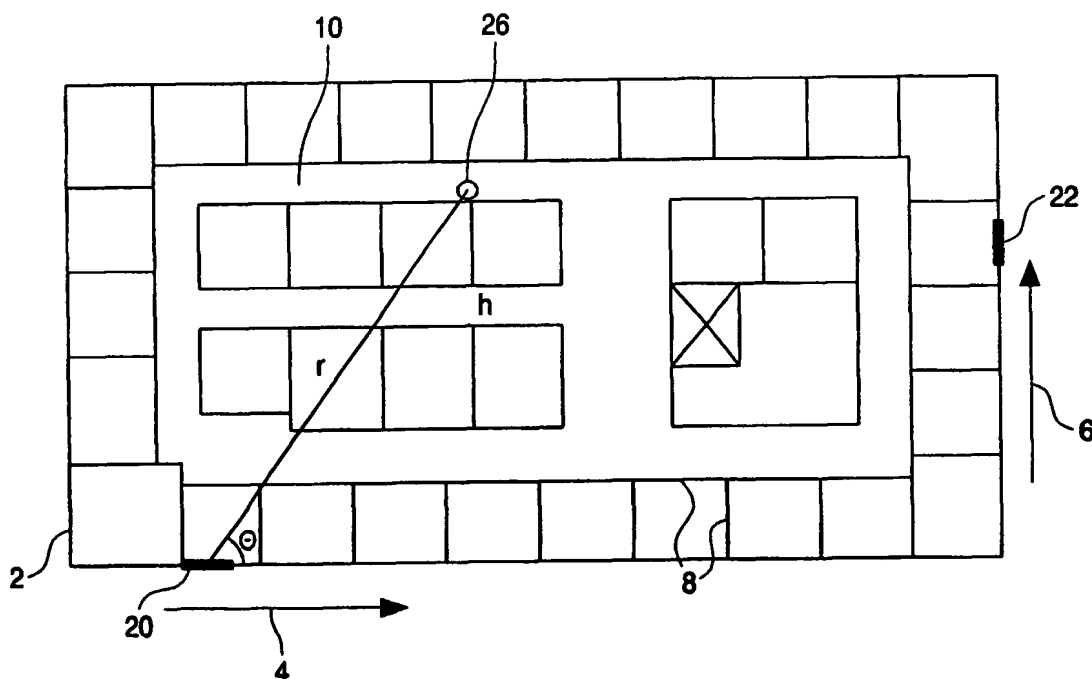
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[Continued on next page]

(54) Title: RANGING AND POSITIONING METHOD AND APPARATUS



(57) Abstract: The method and apparatus are for use in a building (2) having walls (8) and corridors (10) extending longitudinally (4) and laterally (6). Base stations (20, 22) have antennae orientated with a cosec² pattern longitudinally (4) and laterally (6) and range a mobile station (26) to determine its position.

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